

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
20 November 2003 (20.11.2003)

PCT

(10) International Publication Number
WO 03/095106 A2

- (51) International Patent Classification⁷: **B05D** Durmentingen (DE). **NOLTE, Hans, Jurgén** [DE/DE];
Worthstr. 2, 70565 Stuttgart (DE).
- (21) International Application Number: PCT/US03/14471
- (22) International Filing Date: 6 May 2003 (06.05.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/378,506 7 May 2002 (07.05.2002) US
60/403,715 15 August 2002 (15.08.2002) US
- (71) Applicant (for all designated States except US): **BEHR SYSTEMS, INC.** [US/US]; 2469 Executive Hills Boulevard, Auburn Hills, MI 48326 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **HERRE, Frank** [DE/DE]; Grossmoltenstr. Str. 12, 71739 Oberrhexigen (DE). **MELCHER, Rainer** [DE/DE]; Im Stelzenbühl 10, 71720 Oberstenfeldt (DE). **MARTIN, Herbert** [DE/DE]; Brückenstrasse 46, 71384 Weinstadt (DE). **BAUMANN, Michael** [DE/DE]; Weinbergsteige 4, 74223 Flein (DE). **MICHELFELDER, Manfred** [US/DE]; In der Au 45, 71711 Steinheim (DE). **OSTIN, Richard, M.** [US/US]; 33705 Hamlin Ct., Farmington, MI 48335 (US). **HELDT, Robert, F.** [US/US]; 677 Doral, Oxford, MI 48371 (US). **HERING, Joachim** [DE/DE]; Torstrasse 31, 88525
- (74) Agents: **SCOTT, Raymond, E.** et al.; Howard & Howard Attorneys, P.C., 39400 Woodward Avenue, Suite 101, Bloomfield Hills, MI 48034 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PAINT DELIVERY AND APPLICATION SYSTEM AND METHOD

(57) Abstract: A paint delivery and application system including a color changer (20), at least two paint cannisters (34, 36) and a paint applicator (30), a first pair of supply lines (38, 42) connected between the color changer (20) and the paint cannisters (34, 36) and a second pair of supply lines connecting the paint cannisters and the paint applicator (30), wherein the paint cannisters operate in tandem permitting delivery of a first paint to one of the paint cannisters while a second paint cannister is electrically isolated from the color changer (20) and is delivering paint to the applicator (30). In one disclosed embodiment, the delivery line from the paint cannisters to the applicator includes two pigs and solvent is delivered between the pigs, such that this system is self purging.

WO 03/095106 A2